UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.   : 7,539,240 B2   Page 1 of 1
APPLICATION NO. : 10/800167
DATED   : May 26, 2009
INVENTOR(S)   : Cairns et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page, in Field (73), under "Assignee", in Column 1, Line 1, delete "Telefonaftiebolaget" and insert -- Telefonaktiebolaget --, therefor.

In Column 5, Line 15, in Equation (4), delete " $\hat{R}(slot) =$ " and insert

-- $\hat{\mathbf{R}}(slot) \approx$ --, therefor.

In Column 8, Line 6, in Equation (17), delete "$z = w^H$." and insert -- $z = w^H y$. --, therefor.

In Column 15, Line 24, in Equation (30), delete " $z_1 = c_A^H y_1 + (w_B^H y_2)^*$ " and insert

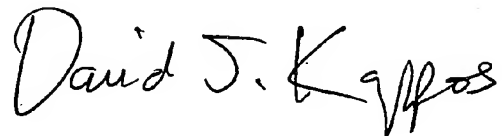-- $z_1 = \mathbf{w}_A^H \mathbf{y}_1 + (\mathbf{w}_B^H \mathbf{y}_2)^*$ --, therefor.

In Column 16, Line 64, in Equation (36), delete " $\hat{R}_{12} =$ " and insert

-- $\hat{\mathbf{R}}_{12}$ --, therefor.

In Column 19, Line 7, delete "processor," and insert -- processor 16, --, therefor.

In Column 19, Line 54, in Claim 5, delete "WCMDA" and insert -- WCDMA --, therefor.

Signed and Sealed this

Twenty-fourth Day of November, 2009

David J. Kappos
Director of the United States Patent and Trademark Office